A Ready-When-Needed Offline Library for Households, Teams, and Communities

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September 25, 2025

When the power flickers, cell towers clog, or logins won't load, the only guidance that matters is what opens offline. This paper presents a practical, rights-safe reference library you can place on any removable drive using the included PowerShell. It's organized for real-world needs across short-term emergencies and long-term resilience: first aid and TCCC basics; nuclear sheltering and fallout basics; water disinfection, sanitation, and heating safety; classic woodcraft and wilderness living; gardening and safe home canning; amateur radio and interoperability guides; and radiation measurement references for technical teams. To round out civic literacy and community life, the library also includes public-domain Bibles and foundational U.S. documents (Constitution, Bill of Rights) alongside a concise set of landmark free-speech decisions. Everything is stored locally with a simple index.html that works on any modern browser and a manifest (CSV/JSON) with SHA-256 checksums so teams can verify integrity and keep identical copies. The sources are intentionally public domain or U.S. government works to avoid licensing barriers—print what you need, teach from it, and share it across neighborhoods, classrooms, and volunteer groups. Day-to-day, use the Fast Reload script to fetch or refresh the core set quickly; for a complete build (including large documents), see **Appendix D: Scripts & Reproducibility**, which contains the Giant Fetch PowerShell script and add-ons.

Keywords: offline library, public domain manuals, U.S. government publications, emergency preparedness, first aid, TCCC, nuclear safety, fallout sheltering, water purification, sanitation, heating safety, woodcraft, gardening, home canning, ham radio, NIFOG, AUXFOG, gamma spectrometry, FRMAC, continuity of government, FEMA, CDC, Bible, Constitution, free speech cases, SHA-256, index.html

A collaboration with GPT-5. CC4.0. 53 pages.

1. What This Is and Why It Exists

1.1 The case for offline, rights-safe references

- **Connectivity fails when load spikes.** Disasters create simultaneous demand for the same sites and services. Local copies remove that bottleneck.
- **Licensing shouldn't block lifesaving info.** Public-domain and U.S. government works can be taught, printed, and shared without permission hoops.
- **Durable and verifiable.** Checksums make it easy to keep identical "known good" sets across many drives.

1.2 Who benefits: households, teams, schools, faith and civic groups

- **Households & mutual-aid groups:** clear posters, first-aid basics, sheltering steps.
- **Responders & volunteer teams:** TCCC quick guidance, NIFOG/AUXFOG, fallout measurement references.
- **Schools, churches, civic orgs:** continuity planning, printable handouts, foundational civics texts.

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2. What's Included (At a Glance)

2.1 Nuclear & Sheltering

Citizen handbooks, classic shelter designs, first-72-hours guidance, and printable CDC posters—the essentials for "get inside, stay inside, stay tuned."

2.2 Medical

Army First Aid (TC 4-02.1), **Emergency War Surgery** (austere trauma), and current **TCCC** guidelines for hemorrhage control, airway, breathing, and hypothermia.

2.3 Woodcraft

Classic camping and practical fieldcraft: shelters, tool use, food and fire fundamentals, and the 2002 Army Survival Manual.

2.4 Governance & Continuity

FEMA Federal Continuity Directives and the **Continuity Guidance Circular** to help agencies, schools, and nonprofits plan to operate through disruption.

2.5 Communications

FCC Part 97 plus **NIFOG** and **AUXFOG**—frequency plans and field ops guidance for when phones and data links falter.

2.6 Radiation Measurement

EPA and FRMAC gamma-spectrometry manuals and the **MARSAME** supplement—lab and field assessment references for technical teams.

2.7 Homestead Skills

Soap making, historic and practical **herbal references**, **water disinfection**, **sanitation**, **heating safety**, **gardening**, and **home canning**.

2.8 Civic & Community Texts

The **U.S. Constitution**, **Bill of Rights**, and a concise set of **free-speech** decisions for teaching and civic literacy.

2.9 Bible Collection

Public-domain editions (KJV, WEB, ASV) for communities that want a durable, shareable faith resource.

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3. How It's Packaged

3.1 Folder structure and offline index.html

Everything is arranged by category in clearly named folders. A lightweight Index\index.html opens locally in any modern browser and links to each file. No internet required.

3.2 Manifest (CSV/JSON) and SHA-256 integrity checks

Each build writes Index\manifest.csv and Index\manifest.json with file sizes and hashes so groups can compare sets and spot missing or altered files at a glance.

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4. How to Use It

4.1 Opening the library offline and quick-access pointers

- Plug in the drive and open Index\index.html.

- Bookmark frequently needed posters (e.g., water disinfection, sheltering) in the browser for ultra-fast access.

4.2 Printing posters, checklists, and handouts

Pick PDFs labeled “poster,” “card,” or “quick reference.” Print in grayscale if needed; laminate for reuse.

4.3 Suggested drills, trainings, and community uses

- **Monthly 15-minute drill:** locate and review one poster (tourniquets; sheltering; water).
- **Quarterly workshop:** hands-on skill (splinting; stove safety; canning prep).
- **Annual continuity check:** leadership and alternates test access to the library and confirm hashes.

4.4 Optional smartphone “MobilePack” subset

Copy the most used posters and small HTML books to phone storage so each person has an “always-with-me” kit in their pocket.

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5. Keeping It Useful

5.1 Refresh cadence and adding local supplements

Re-run the Fast Reload script quarterly. Add local SOPs, maps, contacts, and building plans under a clearly labeled Local folder.

5.2 Read-only/backup practices and clear labeling

Set the primary drive to **read-only** for day-to-day use; keep at least two verified backups stored separately. Label drives with date, version, and contact.

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6. Notes on Sources & Permissions

6.1 Public-domain and U.S. government works—why that matters

These can be shared and printed without license friction, making them ideal for classrooms, congregations, and volunteer teams.

6.2 Safety common sense: references ≠ licenses or medical orders

Use these documents to inform training and planning. Follow local laws, medical direction, and official guidance during real incidents.

Appendix

A. Category inventory (one-line per document).
A concise bullet index listing title → purpose.

B. Verifying file integrity (hash examples).
Example PowerShell commands to confirm SHA-256 values against the manifest.

C. Tips for printing and organizing quick-reference packets.
Paper sizes, lamination tips, binder/tab layouts for rapid in-room access.

D. Scripts & reproducibility (Fast Reload + Giant Fetch + add-ons).

- **Fast Reload**: the quick, low-friction refresher.
- **Giant Fetch**: complete build, with optional large files toggled on.
- **Add-ons**: homestead skills, radio/gamma-spec, civic texts expansions.

References

Art

1. What This Is and Why It Exists

1.1 The case for offline, rights-safe references

Connectivity fails when load spikes. In storms, wildfires, cyber incidents, or grid hiccups, everyone hits the same websites at once. Cellular networks shed data, CDNs throttle, and MFA prompts can't complete. A preloaded drive side-steps all of that: you open a file locally, instantly, with no login, no signal, no guesswork. The result is fewer delays when decisions matter—how to stop bleeding, where to shelter, how to disinfect water.

Licensing shouldn't block lifesaving info. Training a class, printing posters for a shelter, or handing out checklists shouldn't require begging for permissions or tracking seat counts. That's why the library prioritizes public-domain and U.S. government works. They're lawful to copy, teach from, and distribute—perfect for neighborhoods, schools, churches, and volunteer teams that need predictable reuse.

Durable and verifiable. Each build writes a manifest (CSV/JSON) with file sizes and SHA-256 hashes. That gives you a **known-good** fingerprint for every document. It's easy to verify that two drives match exactly, to spot a corrupted or partial download, and to keep mirrored kits across several locations. If you update, re-run the script: the index is rebuilt, hashes refresh, and your copies stay in lockstep.

Designed for the moment you actually need it. The content is printable, small enough to travel, and organized in plain folders with an index.html that works in any modern browser. If you can open a file explorer, you can use this library—no special app, viewer, or plugin required.

1.2 Who benefits: households, teams, schools, faith and civic groups

Households & mutual-aid groups. Clear, one-page posters (water disinfection, sheltering, hypothermia/frostbite) support kitchen-table prep and quick refreshers during outages. Classic woodcraft, gardening, canning, and soap-making fill longer-term needs. The Bible collection and founding documents round out community life when screens are down.

Responders, CERT, ham operators, and volunteer teams. TCCC quick guidance, Army First Aid, and Emergency War Surgery help standardize language and priorities (MARCH-E). NIFOG/AUXFOG support communications plans when phones fail. Fallout and gamma-spec manuals give technical volunteers and radiation safety partners the measurement references they need.

Schools, churches, nonprofits, and civic orgs. Continuity documents (FEMA FCDs, Continuity Guidance Circular) help leaders plan to operate through disruption. Printable handouts simplify

drills and trainings. Civics materials—the Constitution, Bill of Rights, and landmark free-speech decisions—support classes, town halls, and discussion groups without licensing friction.

Local government and small agencies. A shared, rights-safe library reduces procurement and legal overhead for training, exercises, and public education. The checksum manifest makes it simple to keep identical copies at EOCs, shelters, and partner facilities.

Anyone who wants a portable "reading room." Put the drive in a go-bag, a school office, a church library, or a neighborhood hub. It's small, teachable, and resilient—ready when the network isn't.

2. What's Included (At a Glance)

2.1 Nuclear & Sheltering

Practical, plain-language guidance for the first minutes to days after a detonation or fallout warning. Includes **In Time of Emergency (1968)** for citizen actions, **Family Fallout Shelter** and **Family Shelter Designs** for buildable options, interagency **Planning Guidance for Response to a Nuclear Detonation (2023)** for the first 72 hours, and **CDC posters** you can tape up anywhere ("Where to Go," shelter operations). Together they cover protective action timing, shelter selection or improvisation, and early re-entry decisions.

2.2 Medical

Austere-care essentials that align with modern trauma priorities. **TC 4-02.1 (Army First Aid)** for immediate care; **Emergency War Surgery** for definitive, resource-limited trauma management; and current **TCCC Guidelines** for the MARCH-E sequence (massive hemorrhage, airway, respirations, circulation, hypothermia/head injury, everything else). Two **ASPR TRACIE** toolkits guide rapid setup of alternate care sites and staffing.

2.3 Woodcraft

Foundational fieldcraft to stay sheltered, fed, and oriented without modern conveniences. Historic but timeless manuals (**Boy Scouts 1911; Shelters, Shacks, and Shanties; Nessmuk's Woodcraft**) plus **Kephart's Camping and Woodcraft** and the **Army Survival Manual (2002)**. Topics: shelter patterns, fire lays, edged-tool care, simple traps, camp kitchens, and low-tech navigation.

2.4 Governance & Continuity

How organizations keep functioning through disruption. **Federal Continuity Directives (FCDs)** define program and planning requirements; the **Continuity Guidance Circular (CGC)** adapts

those principles for state, local, tribal, territorial, nonprofit, school, and faith contexts. Use for leadership succession, essential functions, alternate facilities, communications, and reconstitution.

2.5 Communications

When phones fail, radio is the glue. **47 CFR Part 97** (Amateur Radio rules) sets the boundaries; **NIFOG** provides nationwide interoperability channels and programming references; **AUXFOG** gives amateur-radio support procedures for public safety. Together they enable basic comms plans, mutual-aid coordination, and incident communications without internet.

2.6 Radiation Measurement

References for teams tasked with fallout assessment. **EPA High-Resolution Gamma-Ray Spectrometry** covers lab methods and QA; the **FRMAC** guides (Knowledge, Lab Analysis, Assessment Vol. 1 & 2) map field and lab workflows; **MARSAME** adds multi-agency survey/clearance methodology. Use for instrument setup, calibration checks, nuclide identification, and defensible reporting.

2.7 Homestead Skills

Everyday resilience and long-tail disruptions. **Soap-making** manuals (process control and safe lye handling); classic **herbal** references and **USFS Medicinal Plants of Appalachia**; **water disinfection** (EPA/CDC) and **field sanitation** (Army/USMC); **heating safety** posters for hypothermia/frostbite; **gardening** bulletins; and the **USDA Complete Guide to Home Canning**. These support hygiene, warmth, safe food, and simple remedies when supply chains stutter.

2.8 Civic & Community Texts

The **U.S. Constitution** and **Bill of Rights** (authoritative PDFs) plus a curated set of **free-speech landmark decisions** (e.g., *Sullivan*, *Brandenburg*, *Tinker*, *Texas v. Johnson*, *Snyder*, *Matal*, *Brunetti*, *Mahanoy*, *NRA v. Vullo*). Ideal for classrooms, town halls, and civic literacy—rights you can actually read and teach offline.

2.9 Bible Collection

Public-domain editions—**KJV**, **WEB**, **ASV**—in complete, printable PDFs. These provide a durable, shareable faith resource for chaplaincy, congregations, and community support during prolonged outages or displacement.

3. How It’s Packaged

3.1 Folder structure and offline index.html

The library is organized by plain, human-readable folders so you can browse it like any other thumb drive. Typical top level:

D:\SurvivalPD\

Index\

index.html

manifest.csv

manifest.json

Nuclear\

Medical\

Woodcraft\

Law\

Continuity\

Radio\

GammaSpec\

Soap\

Herbal\

Water\

Sanitation\

Heating\

Gardening\

FoodPreservation\

Bible\

FoundingDocs\

FreeSpeechCases\

Why this matters

- **Fast orientation.** Anyone can guess where to look (“Water,” “Radio,” “FoundingDocs”).
- **Portable.** Everything uses **relative paths**; you can move the whole folder to another lettered drive or laptop and it still works.
- **Mixed formats on purpose.** Most items are PDFs (for printing); some are HTML pages from Project Gutenberg (for light weight and easy phone viewing). Filenames are descriptive and include dates when meaningful.

The offline index

- Open Index\index.html in any modern browser (Edge/Chrome/Firefox/Safari). No plugins, no internet.
- The index lists each category in a table with: **Title**, **Local file path** (clickable), **Size (MB)**, **SHA-256**, and **Notes**.
- Use browser search (Ctrl+F) to jump to keywords (“tourniquet”, “shelter”, “Part 97”, “canning”).
- For kiosks or shared PCs, set the browser’s **startup page** to index.html.

Printing hints from the index

- Poster-type PDFs are noted in “Notes” (e.g., *poster*, *quick card*). Open → Print → Scale “Fit to page.”
- Laminate high-use sheets (water disinfection, sheltering, hypothermia) and store in a visible binder.

3.2 Manifest (CSV/JSON) and SHA-256 integrity checks

Each build writes two machine- and human-friendly manifests in Index\:

- manifest.csv — easy to open in Excel/Sheets; columns:
    - **Category**, **Title**, **File** (relative path), **Bytes** (file size), **SHA256** (hash), **Source** (publisher/host), **Url** (original link), **Notes**.
- manifest.json — same content for scripts or automation.

What this buys you

- **Trust & reproducibility.** Two drives match if their CSV/JSON rows and SHA-256 hashes match.
- **Delta refresh.** Our scripts only download when a file is missing or too small, then recompute the hash and update the manifest.
- **Audit trail.** You always know where a document came from and what it's supposed to be named.

Quick verification examples

- PowerShell (check one file):
- Get-FileHash "D:\SurvivalPD\Water\epa_emergency_disinfection_2017.pdf" -Algorithm SHA256

Compare the printed hash to the **SHA256** column in manifest.csv.

- PowerShell (spot-check a category):
- Import-Csv "D:\SurvivalPD\Index\manifest.csv" |
- Where-Object { $_.Category -eq 'Nuclear' } |
- ForEach-Object {
- $h = (Get-FileHash (Join-Path 'D:\SurvivalPD' $_.File) -Algorithm SHA256).Hash
- if ($h -ne $_.SHA256) { Write-Warning "Mismatch: $($_.File)" }
- }

Versioning & labeling

- Put a small README.txt at the root with a date (e.g., Release: 2025-09-25) and keeper's contact.
- If you maintain multiple editions (e.g., *Field*, *Full*), reflect that in the root folder name or a label on the drive.
- Consider setting the drive or its top-level folder to **Read-only** during daily use to reduce accidental edits.

Portability tip

- Because links are relative, you can zip the entire SurvivalPD folder and share it; when unzipped anywhere (even on E:\ or a Mac/Linux path), index.html still resolves everything locally.

4. How to Use It

4.1 Opening the library offline and quick-access pointers

Open the home page

- Plug in the drive and open Index\index.html.
    - Windows: double-click index.html (Edge/Chrome/Firefox).
    - Mac/Linux: open the drive, then double-click index.html (Safari/Chrome/Firefox).

Find things fast

- Use your browser's search (Ctrl+F / ⌘F) for keywords like *tourniquet*, *shelter*, *iodine*, *Part 97*, *canning*.
- Skim by **Category** tables (Nuclear, Medical, Radio, etc.). The **Notes** column flags "poster" and "quick card" items.

Create quick-access

- **Bookmarks/Favorites:** open a high-value PDF → bookmark it in your browser (the local path will still work later).
- **Desktop shortcuts:** right-click a frequently used file → *Create shortcut* (Windows) or *Make Alias* (Mac) → place on Desktop.
- **Room signage:** print the Index page's first screen (or a custom one-pager) and tape near PCs so anyone can find the right folders.

Kiosk/Shared PC tip

- Set the browser's startup page to Index\index.html, and pin the top 5 posters to the bookmarks bar (see 4.2 "First Five" below).

4.2 Printing posters, checklists, and handouts

Pick the right files

- Look for **poster**, **quick card**, **infographic**, or **checklist** in the **Notes** column (e.g., CDC shelter poster, EPA water disinfection).

Print cleanly

- Print dialog: **Fit to page** (or 100%), **Portrait** unless noted, **Grayscale** if conserving ink.
- For pocket cards: set scale to **2 pages per sheet** or **multiple** (4-up) and print on cardstock.
- Laminate the highest-use sheets: **Water: EPA/CDC**, **Shelter: CDC**, **Hypothermia/Frostbite**, **TCCC MARCH-E**, **NIFOG/AUXFOG quick refs**.

Organize hard-copies

- Create a **"Grab Binder"** with tabs: *Shelter*, *Medical*, *Water*, *Sanitation*, *Radio*, *Continuity*. Put posters first, checklists next.
- Tape the **shelter** and **water** posters in common areas (kitchen, lobby, classroom, fellowship hall).

The "First Five" (suggested prints)

1. CDC **Where to Go in a Radiation Emergency** poster
2. EPA **Emergency Disinfection of Drinking Water**
3. TCCC **MARCH-E** quick guidance page
4. CDC **Hypothermia/Frostbite** poster
5. NIFOG **interoperability channels** summary page (regional)

4.3 Suggested drills, trainings, and community uses

Monthly micro-drill (≈15 minutes)

- Pick one poster. Have each person:
    1. Open Index\index.html and find it,
    2. Summarize **three actions** it recommends,

3. Say where a printed copy lives on site.

- Rotate through: **Water → Sheltering → Hypothermia → TCCC bleeding control → Radio contacts**.

Quarterly workshop (≈60–90 minutes)

- Choose one hands-on skill:
    - **Medical:** tourniquet practice, pressure dressings, hypothermia packaging.
    - **Sanitation/Water:** mix proper bleach solution; set up a hand-wash station.
    - **Heating:** safe space-heater checklist and CO awareness.
    - **Food:** canning prep (using USDA guide) or shelf-stable pantry planning.
- End with a 5-minute "browser scavenger hunt" to ensure everyone can locate the right PDFs offline.

Annual continuity check (leadership + alternates)

- **Access test:** each leader opens index.html from the drive on a different workstation.
- **Hash spot-check:** verify at least 10 random files match the SHA-256 in manifest.csv.
- **Backups:** clone to a second drive; update date/label; store in a different room/building.

Community uses

- **Schools:** civics day with the Constitution/Bill of Rights PDFs; science demos with radiation posters.
- **Faith groups:** scripture study with the PD Bible set; distribute water/shelter posters.
- **CERT/ARES/Volunteers:** program radios using NIFOG; hand out family preparedness checklists.
- **Libraries/town halls:** public kiosk PC pointing at index.html plus a printed "Where to find…" guide.

4.4 Optional smartphone “MobilePack” subset

Why a MobilePack?
Phones survive pockets and evacuations better than laptops. A tiny, high-value subset on each person’s device gives instant access anywhere—even if separated from the main drive.

Build the MobilePack

1. On the drive, create MobilePack\ and copy in:
    - CDC **Where to Go** (shelter poster)
    - EPA **Emergency Disinfection** (water)
    - CDC **Hypothermia/Frostbite**
    - TCCC **MARCH-E** quick card
    - A local **contacts sheet** (PDF) and **map** (PDF) if you have them
    - 1–2 short HTML booklets from Woodcraft (Gutenberg pages load fast on phones)
2. Plug phones into a PC or use AirDrop/Files app/Android File Transfer to copy MobilePack\ to local storage:
    - **iPhone/iPad:** Files app → *On My iPhone* → create *MobilePack* → copy files.
    - **Android:** connect via USB → “File Transfer” mode → copy to *Documents/MobilePack*.
3. On each phone, **favorite** the top posters/files inside the Files app for quick retrieval.

Field tip
Pick the **smallest, most legible** PDFs (posters are usually 1–2 pages). Avoid the huge references on phones; keep those on the drive and in printed binders.

Optional: quick verification & refresh habits

- **Five-minute check before an event:** open index.html, click one file from each critical category, confirm it opens.
- **Quarterly refresh:** re-run your **Fast Reload** script; it will fetch any missing/updated items and rebuild the manifest/index.
- **Label clearly:** put a sticker on the drive: *“SurvivalPD vYYYY-MM-DD – Open Index\index.html”*.

5. Keeping It Useful

5.1 Refresh cadence and adding local supplements

Refresh rhythm

- **Quarterly:** run the **Fast Reload** script. It only fetches what's missing/changed and rewrites the index + manifest.
- **After major updates:** if you add a big local SOP packet or change contacts, re-run the script so sizes/hashes update.

Add local content

- Create D:\SurvivalPD\Local\ and subfolders like SOPs\, Maps\, Contacts\, Facilities\ (floor plans, shutoffs).
- Prefer **PDF** for portability. Export Word/Google Docs to PDF so nothing needs a special editor to open.
- Keep file names human-readable: SOP_Evacuation_School_2025-09-25.pdf, Map_Water_Shutoffs_BldgA_L1.pdf.

Flag what's "yours" vs. upstream

- Everything the script fetched lives in the named categories (Nuclear, Medical, etc.).
- Everything you authored or customized lives in Local\. That separation makes future refreshes painless.

Lightweight change log

- Add \Index\CHANGELOG.txt. Each time you refresh, add a line:
- 2025-09-25 – Quarterly refresh. Added Local\Contacts\MutualAid_Sept2025.pdf. Replaced Water poster v2.

Spot-check before drills

- Open Index\index.html, click 1 item per critical category, confirm it loads.
- Test one **Local** item (e.g., a floor plan or call-down list).

5.2 Read-only/backup practices and clear labeling

Make a “daily use” copy read-only

- **Best:** use a USB drive with a **hardware write-protect** switch—flip it ON for daily use.
- **Software (folder-level, no admin):**
- attrib +r "D:\SurvivalPD" /s /d

(Prevents casual edits; you can still copy off the drive.)

- **Software (volume-level, admin):**
  This is stronger; you’ll need to clear it to update.
- diskpart
- # then inside diskpart:
- # list volume
- # select volume <N> (pick the volume that maps to D:)
- # attributes volume set readonly
- # exit

Keep at least two verified backups

- **Mirror the set** to another drive (fast, preserves times/ACLs):
- robocopy "D:\SurvivalPD" "E:\SurvivalPD" /MIR /COPY:DAT /DCOPY:T /R:1 /W:1 /XF Thumbs.db
- **Verify hashes against the manifest** (spot-check or full):
- $root = "E:\SurvivalPD"
- $man = Import-Csv "$root\Index\manifest.csv"
- $bad = foreach($m in $man){
- $p = Join-Path $root $m.File
- if (-not (Test-Path $p)) { [pscustomobject]@{ File=$m.File; Issue='Missing' }; continue }
- $h = (Get-FileHash $p -Algorithm SHA256).Hash
- if ($h -ne $m.SHA256) { [pscustomobject]@{ File=$m.File; Issue='Hash mismatch' } }
- }

- if ($bad){ $bad | Format-Table } else { "Backup OK (hashes match)" }

Label clearly

- Put a small **sticker** on each drive:
  "SurvivalPD – v2025-09-25 – Open Index\index.html – Owner: <org/contact>"
- In \Index\README.txt, repeat version/date, owner, and a short "how to open" note.

Storage and rotation

- Store the **primary** drive near your main workstation (read-only).
- Store **Backup A** in a different room/building; **Backup B** off-site if feasible.
- Rotate backups at each quarterly refresh (A ↔ B), so one is always recent.

Optional protection for sensitive local docs

- If you keep phone rosters or floor plans, consider a **separate encrypted zip** or a **BitLocker To Go**–protected drive partition. Keep the passphrase in your continuity binder.

Test restores matter

- Once a year, pretend you've lost the primary. Grab a backup, plug it into a different machine, and confirm:
  1. Index\index.html opens,
  2. A handful of PDFs/HTMLs load,
  3. Hash spot-check passes,
  4. Your **Local** content is present and current.

When in doubt, don't delete—deprecate

- If you outgrow a document, move it to \Index_Archive\YYYY-MM\ rather than deleting. The manifest keeps the current set straight, and you preserve institutional memory.

6. Notes on Sources & Permissions

6.1 Public-domain and U.S. government works—why that matters

Why we chose these sources

- **Friction-free sharing.** U.S. federal government works and many pre-1928 books are public domain (PD). You can **print, teach from, and redistribute** them without asking for permission—perfect for classrooms, congregations, CERT/ARES, and neighborhood groups.
- **Stability.** PD/US-gov documents don't disappear behind paywalls and are widely mirrored, improving availability during crises.
- **Civics clarity.** Supreme Court opinions, the Constitution, and federal statutes/regulations are PD; using the official texts prevents confusion.

Useful nuances

- **U.S. federal ≠ state/local.** Most federal works are PD; state/local materials may have different rules (check your jurisdiction).
- **Logos & seals.** Some marks (agency seals) may have **usage restrictions** even inside PD files—don't imply endorsement.
- **Contractor/third-party content.** A federal report can contain non-PD figures or photos credited to others; treat those elements cautiously.
- **Older books vs. modern editions.** Many "classic" manuals are PD, but **modern forewords/layouts** might not be. We favor scans/plain HTML from Project Gutenberg, Archive.org, and official hosts.
- **Bibles.** KJV/ASV/WEB editions here are PD; other translations may **not** be—don't swap them in without checking.
- **Best practice:** Keep **source/URL** in your manifest and retain the file's original **attribution page**.

6.2 Safety common sense: references ≠ licenses or medical orders

Use the library to train and plan; follow real-time authority during incidents.

- **Medical/Austere care.** These are **references**, not medical orders. In practice, follow your **local protocols**, medical direction, and the most current guidance you're authorized to use. Know your scope of practice.

- **TCCC/Emergency War Surgery.** Excellent training resources—but do not exceed your training or legal authority. When in doubt, stabilize and **activate EMS**.
- **Food & water safety.** Use the **latest** EPA/CDC/USDA methods. If recommendations conflict, defer to **current local public-health direction**.
- **Heating & sanitation.** Improper use can cause CO poisoning or disease spread. Treat posters as checklists, not substitutes for on-scene safety officers.
- **Radiation/gamma spec.** Manuals presume **calibrated instruments**, appropriate PPE, and trained personnel operating under an incident command system.
- **Communications (Part 97).** Amateur-radio rules apply; emergency exceptions are **narrow** and situational—know them *before* you key the mic.
- **Legal materials.** Constitutional texts and case law aid education and policy discussions; they are **not legal advice**. Consult counsel for specific matters.

Integrity and versioning

- Verify **SHA-256** hashes after copying.
- Label drives with **date/version**; re-run the **Fast Reload** periodically to pull updates from official hosts.
- If you add local SOPs, keep them in a clearly marked **Local/** folder and include your own date/owner line on the first page.

Bottom line: This set is built to be **copiable, teachable, and durable**—a shared foundation you can rely on. Pair it with proper training, leadership, and local authority in real events.

References

(Grouped to match the collection. "Host" notes where the official/public mirror is typically found; these correspond to the URLs embedded in the scripts/manifest.)

1) Nuclear & Sheltering

- Office of Civil Defense. **In Time of Emergency**. 1968. Host: Internet Archive (gov reprint).
- Office of Civil & Defense Mobilization. **The Family Fallout Shelter**. 1959. Host: SurvivorLibrary / public mirrors.
- Office of Civil Defense. **Family Shelter Designs (OCD H-7)**. ca. 1962. Host: WA DAHP (reprint PDF).

- U.S. HHS (ASPR/REMM). **Planning Guidance for Response to a Nuclear Detonation** (3rd ed.). 2023. Host: remm.hhs.gov.
- FEMA. **72-Hour Nuclear Detonation Response Guidance**. 2023. Host: fema.gov.
- Kearny, C. H. **Kearny Fallout Meter** (ORNL/IAEA reprints). 1979+reprints. Hosts: ORNL; IAEA INIS.
- CDC. **Where to Go in a Radiation Emergency** (poster). Current. Host: cdc.gov.
- CDC. **Operating Public Shelters in a Radiation Emergency**. 2024. Host: cdc.gov.

2) Medical (Austere Care)

- U.S. Army. **TC 4-02.1 First Aid**. 2016. Host: Army RDL.
- Borden Institute / U.S. Army MEDCoE. **Emergency War Surgery (5th U.S. Revision)**. Current edition. Host: medcoe.army.mil (USGov Cloud).
- U.S. Navy. **NAVEDTRA 14295 Hospital Corpsman Manual**. Historic. Hosts: Internet Archive; public mirrors.
- DHA / Joint Trauma System / CoTCCC. **TCCC Guidelines (Consolidated)**. Current. Host: JTS/Allogy PDF service.
- ASPR TRACIE. **Alternate Care Sites: Topic Collection**. Host: asprtracie.hhs.gov.
- ASPR TRACIE. **Understanding ACS & Federal Medical Stations (Toolkit)**. Host: asprtracie.hhs.gov.

3) Woodcraft

- **Boy Scouts Handbook** (1st ed.). 1911. Host: Project Gutenberg.
- Beard, D. C. **Shelters, Shacks and Shanties**. 1914. Host: Project Gutenberg.
- Sears, G. W. (“Nessmuk”). **Woodcraft**. 1884 (var. reprints). Host: Project Gutenberg.
- Kephart, H. **Camping and Woodcraft**. 1921. Host: Internet Archive (scan).
- U.S. Army. **FM 3-05.70 (FM 21-76) Survival**. 2002. Host: Wikimedia Commons (PD).

4) Law & Continuity

- Congressional Research Service. **Martial Law and National Emergency** (RS21024). Var. updates. Hosts: FAS; CRS mirrors.

- Congressional Research Service. **National Emergency Powers—Overview**. Historic brief. Host: Univ. of Maryland Law (Marshall).
- U.S. Army. **ATP 3-39.33: Civil Disturbances**. 2014. Host: constitution.org (public mirror).
- FEMA. **Federal Continuity Directive: Program Management Requirements**. Current. Host: fema.gov.
- FEMA. **Federal Continuity Directive: Planning Framework**. Current. Host: fema.gov.
- FEMA. **Continuity Guidance Circular (CGC)**. 2018. Hosts: fema.gov (landing); public agency mirror (PDF).

5) Communications

- U.S. Government Publishing Office. **47 CFR Part 97 (Amateur Radio Service)** (reference PDF). 2009 ed. Host: govinfo.gov.
- CISA/DHS. **NIFOG 2.01 – National Interoperability Field Operations Guide**. 2022. Host: cisa.gov.
- CISA/DHS. **AUXFOG – Auxiliary Communications Field Operations Guide**. 2016. Host: cisa.gov (508 PDF).

6) Radiation Measurement

- EPA. **Guide for High-Resolution Gamma-Ray Spectrometry Analyses**. 2020. Host: epa.gov.
- FRMAC/NNSA. **Gamma Spectroscopist Knowledge Guide**. 2019. Host: nnss.gov.
- FRMAC/NNSA. **Laboratory Analysis Manual**. 2013. Host: nnss.gov.
- FRMAC/NNSA. **Assessment Manual, Vol. 1: Overview & Methods**. 2020. Host: nnss.gov.
- FRMAC/NNSA. **Assessment Manual, Vol. 2: Methods**. 2023. Host: nnss.gov.
- NRC/EPA/DOE/DOD. **MARSAME (NUREG-1575, Supp. 1)**. 2009. Host: nrc.gov.

7) Homestead Skills

- Thomssen, E. G. **Soap-Making Manual**. 1922. Host: Project Gutenberg.
- Simmons, E. G., & Appleton, W. H. **The Handbook of Soap Manufacture**. 1908. Host: Project Gutenberg.
- Culpeper, N. **Culpeper's Complete Herbal**. 1653 (PD ed.). Host: Project Gutenberg.

- Harding, A. R. **Ginseng and Other Medicinal Plants**. 1908. Host: Project Gutenberg.
- U.S. Forest Service. **Medicinal Plants of Appalachia** (NE-138). 1969 reprint. Hosts: fs.usda.gov (RP NE-138).
- CDC. **Make Water Safe During an Emergency** (poster). Current. Host: cdc.gov.
- EPA. **Emergency Disinfection of Drinking Water**. 2017. Host: epa.gov.
- U.S. Army / USMC. **Field Hygiene & Sanitation (FM 21-10 / MCRP 4-11.1D)**. Historic. Hosts: globalsecurity.org; marines.mil.
- CDC. **Avoid, Spot, Treat Frostbite & Hypothermia** (poster). Current. Host: cdc.gov.
- CDC. **Preventing Hypothermia** (Winter Weather). Current. Host: cdc.gov.
- USDA. **Farmers' Bulletin 934: Home Gardening in the South**. 1918 (rev.). Host: Internet Archive (scan).
- Cornell University (CHLA). **The Home Vegetable Garden**. 1917. Host: digital.library.cornell.edu.
- USDA / NAL. **Complete Guide to Home Canning** (2015 revision). Host: NAL; public mirrors.

8) Civic & Community Texts

- U.S. Senate. **The United States Constitution** (Senate Publication 103-21). Host: senate.gov.
- National Archives. **Bill of Rights (as Ratified)** (image facsimiles). Host: archives.gov.
- Library of Congress / GPO. **Constitution of the United States: Analysis and Interpretation (CONAN)**. 2022. Host: govinfo.gov.

9) Free-Speech Landmark Cases (U.S. Supreme Court)

- **New York Times Co. v. Sullivan**, 376 U.S. 254 (1964). Host: Library of Congress (U.S. Reports).
- **Brandenburg v. Ohio**, 395 U.S. 444 (1969). Host: Library of Congress (U.S. Reports).
- **Tinker v. Des Moines**, 393 U.S. 503 (1969). Host: Library of Congress (U.S. Reports).
- **New York Times Co. v. United States**, 403 U.S. 713 (1971). Host: Library of Congress (U.S. Reports).
- **Texas v. Johnson**, 491 U.S. 397 (1989). Host: Library of Congress (U.S. Reports).

- **Snyder v. Phelps**, 562 U.S. 443 (2011). Host: Library of Congress (U.S. Reports).
- **Matal v. Tam**, 582 U.S. 218 (2017). Host: supremecourt.gov (slip opinion PDF).
- **Iancu v. Brunetti**, 588 U.S. 388 (2019). Host: supremecourt.gov (slip opinion PDF).
- **Mahanoy Area Sch. Dist. v. B.L.**, 594 U.S. ___ (2021). Host: supremecourt.gov.
- **National Rifle Association v. Vullo**, 602 U.S. ___ (2024). Host: supremecourt.gov (unanimous).

10) Bible Collection (Public-Domain Editions)

- **Holy Bible, King James Version (KJV)**. Public domain. Hosts: multiple PD mirrors.
- **World English Bible (WEB)**. Public domain. Host: eBible.org.
- **American Standard Version (ASV, 1901)**. Public domain. Host: eBible.org.

Notes for readers/editors

- The **manifest** in Index\manifest.csv records the exact host URL used at build time; if a host changes its path, consult that manifest first.
- When an item is mirrored at multiple reputable public hosts (e.g., agency site + archive), the script prefers the **official source** and falls back to a **public mirror** for resilience.

Appendix

A. Category Inventory (one-line per document)

Nuclear & Sheltering

- **In Time of Emergency (OCD, 1968)** → Citizen handbook for nuclear attack & disaster basics.
- **Family Fallout Shelter (OCDM, 1959)** → DIY home fallout shelter plans.
- **Family Shelter Designs (OCD H-7)** → Eight standardized shelter blueprints.
- **Nuclear Detonation Planning Guidance (2023)** → First 72-hour interagency actions.
- **FEMA 72-Hour Nuclear Response (2023)** → Mission "play cards" for early ops.
- **Kearny Fallout Meter (IAEA/ORNL)** → Build and use a homemade fallout meter.
- **Kearny Fallout Meter (ORNL alt.)** → Alternate host/version of KFM guide.
- **CDC: Where to Go (poster)** → "Get inside, stay inside, stay tuned" visual.
- **CDC: Operating Public Shelters (2024)** → Workflows for radiation shelter ops.

Medical (Austere Care)

- **TC 4-02.1 First Aid (2016)** → Hemorrhage, airway, burns, fractures basics.
- **Emergency War Surgery (5th U.S. Rev.)** → Definitive trauma in austere settings.
- **NAVEDTRA 14295 Corpsman Manual** → Broad clinical skill set for medics/corpsmen.
- **TCCC Guidelines (current)** → MARCH-E sequence; hemorrhage/airway/hypothermia.
- **ASPR TRACIE: Alternate Care Sites** → How to stand up care in gyms/churches.
- **ASPR TRACIE: ACS & FMS Toolkit** → Staffing, layout, operations for surge care.

Woodcraft

- **Boy Scouts Handbook (1911)** → Historic camping/first aid foundations.
- **Shelters, Shacks and Shanties (1914)** → Practical shelter-building methods.
- **Nessmuk: Woodcraft** → Lightweight kit ethos; fieldcraft.
- **Kephart: Camping and Woodcraft (1921)** → Classic, comprehensive campcraft.
- **FM 21-76 / FM 3-05.70 (2002)** → U.S. Army survival reference.

Law & Continuity

- **CRS: Martial Law & National Emergency** → Overview of authorities and limits.
- **CRS: National Emergency Powers** → Survey of statutory emergency powers.
- **ATP 3-39.33 Civil Disturbances (2014)** → Doctrine for civil disturbance ops.
- **FCD: Program Mgmt Requirements** → Federal continuity program baselines.
- **FCD: Planning Framework** → Continuity planning structure.
- **Continuity Guidance Circular (CGC)** → How SLTT/private orgs implement continuity.

Communications

- **47 CFR Part 97 (Amateur Radio)** → Rules for ham operations (reference copy).
- **NIFOG 2.01 (2022)** → Interoperability freqs, channel plans, field ops.
- **AUXFOG (2016)** → AuxComm (ham support to public safety) quick guide.

Radiation Measurement

- **EPA High-Resolution Gamma-Spec (2020)** → Lab methods/QC/library use.
- **FRMAC Gamma-Spec Knowledge Guide (2019)** → Field & lab spectrum workflows.
- **FRMAC Lab Analysis Manual (2013)** → Lab processes incl. reporting.
- **FRMAC Assessment Manual Vol. 1 (2020)** → Overview & methods for dose/impact.
- **FRMAC Assessment Manual Vol. 2 (2023)** → Detailed assessment methods.
- **MARSAME (NUREG-1575 Supp. 1)** → Multi-agency survey & assessment.

Homestead Skills

- **Soap-Making Manual (1922)** → Recipes/process from industrial to home scale.
- **Handbook of Soap Manufacture (1908)** → Formulas; production notes.
- **Culpeper's Complete Herbal (1653)** → Historical materia medica.
- **Ginseng & Other Medicinal Plants (1908)** → Cultivation/collection of medicinals.
- **USFS Medicinal Plants of Appalachia** → Identification & traditional uses.
- **CDC: Make Water Safe (poster)** → Boil/bleach/chemical disinfection.
- **EPA: Emergency Disinfection (2017)** → Bleach dosages; safety; turbidity.

- **FM 21-10 / MCRP 4-11.1D** → Field hygiene, latrines, waste control.
- **CDC Hypothermia/Frostbite (poster)** → Recognition & first steps.
- **CDC Preventing Hypothermia** → Safe warming guidance.
- **USDA FB 934 Home Gardening (1918)** → Seasonal home-garden planning.
- **Cornell Home Vegetable Garden (1917)** → Varieties & techniques.
- **USDA Complete Guide to Home Canning (2015)** → Tested canning procedures.

Civic & Community Texts

- **U.S. Constitution (Senate Pub.)** → Full text incl. amendments.
- **Bill of Rights (ratified text)** → Original ten amendments (images).
- **Constitution Annotated (2022)** → Authoritative analysis/interpretation.

Free-Speech Landmark Cases

- **NYT v. Sullivan (1964)** → "Actual malice" standard for public-official libel.
- **Brandenburg v. Ohio (1969)** → Imminent-lawless-action test.
- **Tinker v. Des Moines (1969)** → Student speech rights.
- **NYT v. United States (1971)** → Pentagon Papers; prior restraint.
- **Texas v. Johnson (1989)** → Flag burning as protected speech.
- **Snyder v. Phelps (2011)** → Public-concern speech protection.
- **Matal v. Tam (2017)** → Viewpoint discrimination in trademarks.
- **Iancu v. Brunetti (2019)** → "Immoral/scandalous" marks unconstitutional.
- **Mahanoy v. B.L. (2021)** → Off-campus student speech.
- **NRA v. Vullo (2024)** → Unanimous: government coercion & speech rights.

Bible Collection

- **KJV (PD)** → Complete King James Version.
- **WEB (PD)** → Modern-language public-domain Bible.
- **ASV 1901 (PD)** → American Standard Version (PD).

B. Verifying File Integrity (SHA-256 examples)

Spot-check a few files

```
$root = "D:\SurvivalPD"
$man  = Import-Csv "$root\Index\manifest.csv"

# Check 10 random entries
$sample = Get-Random -InputObject $man -Count 10
$bad = foreach($m in $sample){
  $p = Join-Path $root $m.File
  if (-not (Test-Path $p)) { [pscustomobject]@{ File=$m.File; Issue='Missing' }; continue }
  $h = (Get-FileHash $p -Algorithm SHA256).Hash
  if ($h -ne $m.SHA256) { [pscustomobject]@{ File=$m.File; Issue='Hash mismatch' } }
}
if ($bad){ $bad | Format-Table } else { "Spot-check OK" }
```

Full verification

```
$root = "E:\SurvivalPD"   # e.g., a backup clone
$man  = Import-Csv "$root\Index\manifest.csv"
$bad  = foreach($m in $man){
  $p = Join-Path $root $m.File
  if (-not (Test-Path $p)) { [pscustomobject]@{ File=$m.File; Issue='Missing' }; continue }
  $h = (Get-FileHash $p -Algorithm SHA256).Hash
  if ($h -ne $m.SHA256) { [pscustomobject]@{ File=$m.File; Issue='Hash mismatch' } }
}
if ($bad){ $bad | Format-Table -AutoSize } else { "All files verified (hashes match)" }
```

Compare two drives (source → target)

```
robocopy "D:\SurvivalPD" "E:\SurvivalPD" /MIR /COPY:DAT /DCOPY:T /R:1 /W:1 /XF Thumbs.db
```

then run the Full verification above on E:\

C. Tips for Printing & Organizing Quick-Reference Packets

Paper & ink

- **Letter (8.5×11")** for most posters; **Legal (8.5×14")** or **Tabloid (11×17")** for wall charts.
- Use **grayscale** when conserving ink; ensure diagrams maintain contrast.
- Print **"Fit to page"** or 100% as appropriate; test one page first.

Durability

- **Laminate** the most handled items (water disinfection, sheltering, hypothermia, TCCC).
- For pocket cards, print **2-up or 4-up** on cardstock; trim and optionally laminate.

Binders & tabs

- Build a **"Grab Binder"** with tabs: *Shelter*, *Medical*, *Water*, *Sanitation*, *Radio*, *Continuity*, *Local*.
- Put **posters first**, then 1–2 page checklists, then longer guides.
- Add a **cover sheet** listing the top five posters and where they're taped on walls.

Room deployment

- Tape **Shelter** and **Water** posters in common areas.
- Keep the **Medical** tab next to first-aid kits/AEDs.
- Post **Heater/CO safety** near boilers/space heaters.
- Stash a spare binder in reception/classrooms/fellowship halls.

Versioning

- Footer each print: *Document name – source – date – from SurvivalPD vYYYY-MM-DD*.
- Replace wall posters during the quarterly refresh; recycle older versions.

D. Scripts

What's included (how to reference them in the paper)

- **Preflight (Hang-Proof) Script** → Verifies TLS, cleans user BITS jobs, checks space/connectivity, probes a large host (HEAD). *Use before long fetches.*
- **Fast Reload Script** → Fetches/refreshes the core, medium-size set quickly; rebuilds the index + manifest; ideal for quarterly updates.
- **Giant Fetch Script (Appendix D.1)** → Full build, including large references (e.g., Constitution Annotated). Use on a stable connection or overnight.
- **Add-On Packs** → Thematic bundles (Law/Continuity/Radio/GammaSpec; Homestead/Practical Skills; Bible set) that can be run independently to extend an existing drive.

Suggested placement on the drive

D:\SurvivalPD\

Index\

Scripts\

00_preflight.ps1

10_fast_reload.ps1

90_giant_fetch.ps1

add_on_homestead.ps1

add_on_bible.ps1

How to run (examples)

```
# Run preflight in a new PowerShell window:
Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass -Force
& "D:\SurvivalPD\Index\Scripts\00_preflight.ps1"


# Fast reload the core set:
& "D:\SurvivalPD\Index\Scripts\10_fast_reload.ps1"
```

Add homestead skills, if not already present:

& "D:\SurvivalPD\Index\Scripts\add_on_homestead.ps1"

(Optional) Full build with large files:

& "D:\SurvivalPD\Index\Scripts\90_giant_fetch.ps1"

Editing & reproducibility

- Put script **version/date** and a short **CHANGELOG** at the top of each .ps1.
- Keep **URLs** and **category/file names** in arrays; avoid hard-coding paths beyond D:\SurvivalPD.
- Preserve the **manifest (CSV/JSON)** and **index.html** regeneration so copies stay consistent across teams.

Fetching Everything

```
# ================================================================================
# SurvivalPD — One-Stop Offline Library Builder (Robust WinPS 5.1 / PS7+)
#
# ================================================================================
# What it does:
#   - Creates a portable, rights-safe reference library at $DEST
#   - Robust downloader (Invoke-WebRequest with timeout + BITS fallback)
#   - Idempotent: safe to re-run; only fetches missing/tiny files
#   - Writes manifest (CSV + JSON) and a browsable offline Index\index.html
#   - Skip list omits known huge/slow items by default; toggle $IncludeLarge to True to fetch them
#
# How to run (in a single PS session):
#   1) Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass -Force
#   2) (Optional on WinPS 5.1) Run as Admin if you want to clear BITS jobs for all users
#   3) Paste this whole script and press Enter
#
# ================================================================================

# ---- Destination ------------------------------------------------------------
$DEST = 'D:\SurvivalPD'   # change if desired

# ---- Options ----------------------------------------------------------------
$IncludeLarge = $false   # set $true to include very large/slow items (e.g., CONAN full PDF)
$TimeoutSec   = 120      # per-URL timeout for Invoke-WebRequest
```

```
# ---- Harden TLS for WinPS 5.1 (no-op on PS7) -----------------------------------------
try { if ($PSVersionTable.PSVersion.Major -lt 7) {
  [Net.ServicePointManager]::SecurityProtocol = [Net.SecurityProtocolType]::Tls12
}} catch {}

# ---- Execution scope (this-session only) ---------------------------------------------
try { Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass -Force } catch {}

# ---- Optional: clear YOUR BITS jobs (non-admin). Comment out if undesired ------------
Get-BitsTransfer -ErrorAction SilentlyContinue | Remove-BitsTransfer -ErrorAction
SilentlyContinue | Out-Null

# ---- Helpers -------------------------------------------------------------------------
function Ensure-Dir($path) {
  if (-not (Test-Path $path)) { New-Item -ItemType Directory -Path $path | Out-Null }
}
function Ensure-ParentDir($path) {
  $p = Split-Path -Parent $path
  Ensure-Dir $p
}

# Robust downloader (Invoke-WebRequest with timeout, mirrors, then BITS fallback).
# Avoids -and parse gotcha by splitting tests into steps.
function Get-Robust {
  param(
    [string[]]$Urls,
```

```
  [string]  $OutFile,
  [int]     $MinBytes = 1024,
  [int]     $Timeout  = 120
)
Ensure-ParentDir $OutFile

# Keep good existing file
$exists = Test-Path $OutFile
if ($exists) {
  if ((Get-Item $OutFile).Length -ge $MinBytes) { return $true }
}

foreach ($u in $Urls) {
  Write-Host ("  -> trying {0}" -f $u)

  # Try IWR with timeout
  try {
    Invoke-WebRequest -Uri $u -OutFile $OutFile -UseBasicParsing `
      -MaximumRedirection 8 `
      -Headers @{ 'User-Agent'='Mozilla/5.0'; 'Accept'='application/pdf, text/html, text/plain' } `
      -TimeoutSec $Timeout -ErrorAction Stop

    $exists = Test-Path $OutFile
    if ($exists) {
      if ((Get-Item $OutFile).Length -ge $MinBytes) { return $true }
    }
```

```
  } catch {
    Write-Host ("     .. IWR failed: {0}" -f $_.Exception.Message)
  }

  # BITS fallback
  try {
    Start-BitsTransfer -Source $u -Destination $OutFile -ErrorAction Stop
    $exists = Test-Path $OutFile
    if ($exists) {
      if ((Get-Item $OutFile).Length -ge $MinBytes) { return $true }
    }
  } catch {
    Write-Host ("     .. BITS failed: {0}" -f $_.Exception.Message)
  }

  # Cleanup tiny partial before next mirror
  $exists = Test-Path $OutFile
  if ($exists) {
    if ((Get-Item $OutFile).Length -lt $MinBytes) {
      Remove-Item $OutFile -Force -ErrorAction SilentlyContinue
    }
  }

  Start-Sleep -Seconds 2
}
```

```
  return $false
}

# ---- Folder scaffold -----------------------------------------------------------
$folders = @(
  'Index','Nuclear','Medical','Woodcraft','Law','Continuity','Radio','GammaSpec',
  'Soap','Herbal','Water','Sanitation','Heating','Gardening','FoodPreservation',
  'Bible','FoundingDocs','FreeSpeechCases'
)
foreach ($f in $folders) { Ensure-Dir (Join-Path $DEST $f) }

# ---- Skip list (omit known giants/slow items unless $IncludeLarge = $true) ----------
$SkipFiles_Default = @(
  'FoundingDocs\constitution_annotated_2022_gpo.pdf'  # ~ massive; fetch only when needed
)
$SkipFiles = @()
if (-not $IncludeLarge) { $SkipFiles = $SkipFiles_Default }

# ---- Catalog (Category, Title, File, Urls[], Source, Notes) ------------------------------
$items = @(
  # ======= Founding Documents =======
  @{Category='FoundingDocs'; Title='U.S. Constitution (Senate Publication)';
    File='FoundingDocs\us_constitution_senate_pub_103-21.pdf';
    Urls=@('https://www.senate.gov/civics/resources/pdf/US_Constitution-
Senate_Publication_103-21.pdf');
    Source='U.S. Senate'; Notes='Constitution text incl. amendments (printable PDF)';},
```

```
  @{Category='FoundingDocs'; Title='Bill of Rights (as Ratified)';
    File='FoundingDocs\bill_of_rights_ratified_archives.pdf';
    Urls=@('https://www.archives.gov/files/legislative/resources/education/bill-of-rights/images/ratified.pdf');
    Source='National Archives'; Notes='Original 10 amendments (ratified text images)';},
  @{Category='FoundingDocs'; Title='Constitution Annotated (CONAN) 2022 (Large)';
    File='FoundingDocs\constitution_annotated_2022_gpo.pdf';
    Urls=@('https://www.govinfo.gov/content/pkg/GPO-CONAN-2022/pdf/GPO-CONAN-2022.pdf');
    Source='Congress/Library of Congress'; Notes='Authoritative analysis & interpretation (very large)';},

  # ======= Free Speech Landmark Cases (official PDFs) =======
  @{Category='FreeSpeechCases'; Title='New York Times Co. v. Sullivan, 376 U.S. 254 (1964)';
    File='FreeSpeechCases\NYTimes_v_Sullivan_376_US_254_1964.pdf';
    Urls=@('https://tile.loc.gov/storage-services/service/ll/usrep/usrep376/usrep376254/usrep376254.pdf');
    Source='Library of Congress (U.S. Reports)'; Notes='Actual malice standard';},
  @{Category='FreeSpeechCases'; Title='Brandenburg v. Ohio, 395 U.S. 444 (1969)';
    File='FreeSpeechCases\Brandenburg_v_Ohio_395_US_444_1969.pdf';
    Urls=@('https://tile.loc.gov/storage-services/service/ll/usrep/usrep395/usrep395444/usrep395444.pdf');
    Source='Library of Congress'; Notes='Imminent lawless action';},
  @{Category='FreeSpeechCases'; Title='Tinker v. Des Moines, 393 U.S. 503 (1969)';
    File='FreeSpeechCases\Tinker_v_DesMoines_393_US_503_1969.pdf';
    Urls=@('https://tile.loc.gov/storage-services/service/ll/usrep/usrep393/usrep393503/usrep393503.pdf');
    Source='Library of Congress'; Notes='Student speech (schoolhouse gate)';},
```

```
  @{Category='FreeSpeechCases'; Title='New York Times Co. v. United States, 403 U.S. 713 (1971)';
    File='FreeSpeechCases\NYTimes_v_US_403_US_713_1971.pdf';
    Urls=@('https://file.loc.gov/storage-services/service/ll/usrep/usrep403/usrep403713/usrep403713.pdf');
    Source='Library of Congress'; Notes='Pentagon Papers prior restraint';},
  @{Category='FreeSpeechCases'; Title='Texas v. Johnson, 491 U.S. 397 (1989)';
    File='FreeSpeechCases\Texas_v_Johnson_491_US_397_1989.pdf';
    Urls=@('https://file.loc.gov/storage-services/service/ll/usrep/usrep491/usrep491397/usrep491397.pdf');
    Source='Library of Congress'; Notes='Flag-burning as protected speech';},
  @{Category='FreeSpeechCases'; Title='Snyder v. Phelps, 562 U.S. 443 (2011)';
    File='FreeSpeechCases\Snyder_v_Phelps_562_US_443_2011.pdf';
    Urls=@('https://file.loc.gov/storage-services/service/ll/usrep/usrep562/usrep562443/usrep562443.pdf');
    Source='Library of Congress'; Notes='Public concern speech at public place';},
  @{Category='FreeSpeechCases'; Title='Matal v. Tam, 582 U.S. 218 (2017)';
    File='FreeSpeechCases\Matal_v_Tam_2017_SCOTUS.pdf';
    Urls=@('https://www.supremecourt.gov/opinions/16pdf/15-1293_1o13.pdf');
    Source='Supreme Court'; Notes='Viewpoint discrimination—trademark';},
  @{Category='FreeSpeechCases'; Title='Iancu v. Brunetti, 588 U.S. 388 (2019)';
    File='FreeSpeechCases\Iancu_v_Brunetti_2019_SCOTUS.pdf';
    Urls=@('https://www.supremecourt.gov/opinions/18pdf/18-302_e29g.pdf');
    Source='Supreme Court'; Notes='Viewpoint discrimination—marks';},
  @{Category='FreeSpeechCases'; Title='Mahanoy Area SD v. B.L., 594 U.S. ___ (2021)';
    File='FreeSpeechCases\Mahanoy_v_BL_2021_SCOTUS.pdf';
    Urls=@('https://www.supremecourt.gov/opinions/20pdf/20-255_g3bi.pdf');
```

```
    Source='Supreme Court'; Notes='Off-campus student speech';},

  @{Category='FreeSpeechCases'; Title='NRA v. Vullo, 602 U.S. ___ (2024)';

    File='FreeSpeechCases\NRA_v_Vullo_2024_SCOTUS.pdf';

    Urls=@('https://www.supremecourt.gov/opinions/23pdf/22-
842_7l48.pdf','https://www.supremecourt.gov/opinions/23pdf/602us1r28_7l48.pdf');

    Source='Supreme Court'; Notes='Unanimous—coercion & private speech';},


  # ======= Nuclear =======

  @{Category='Nuclear'; Title='In Time of Emergency (OCD, 1968)';
File='Nuclear\in_time_of_emergency_1968.pdf';


Urls=@('https://archive.org/download/LibrivoxCdCoverArt32/in_time_emergency_1306.pdf');

    Source='Office of Civil Defense (Archive.org)'; Notes='Citizen handbook';},

  @{Category='Nuclear'; Title='Family Fallout Shelter (OCDM, 1959)';
File='Nuclear\family_fallout_shelter_1959.pdf';

    Urls=@('https://www.survivorlibrary.com/library/the_family_fallout_shelter_1959.pdf');

    Source='OCDM'; Notes='DIY shelter plans';},

  @{Category='Nuclear'; Title='Family Shelter Designs (OCD H-7)';
File='Nuclear\family_shelter_designs_OCD_H-7.pdf';

    Urls=@('https://dahp.wa.gov/sites/default/files/FamilyShelterDesigns.pdf');

    Source='WA DAHP'; Notes='Eight shelter designs';},

  @{Category='Nuclear'; Title='Planning Guidance for Response to a Nuclear Detonation (2023)';

    File='Nuclear\planning_guidance_nuclear_detonation_2023.pdf';

    Urls=@('https://remm.hhs.gov/PlanningGuidanceNuclearDetonation_2023.pdf');

    Source='HHS/ASPR REMM'; Notes='First 72 hours doctrine';},

  @{Category='Nuclear'; Title='FEMA 72-Hour Nuclear Detonation Response (2023)';

    File='Nuclear\fema_72hr_nuclear_response_2023.pdf';
```

```
  Urls=@('https://www.fema.gov/sites/default/files/documents/fema_oet-72-hour-nuclear-detonation-response-guidance.pdf',
      'https://remm.hhs.gov/PlanningGuidanceNuclearDetonation_2023.pdf');
  Source='FEMA'; Notes='Missions & tactics';},

 @{Category='Nuclear'; Title='Kearny Fallout Meter (IAEA/ORNL)'; File='Nuclear\kfm_kearny_fallout_meter_iaea.pdf';
  Urls=@('https://inis.iaea.org/records/2854z-s6937/files/9389853.pdf?download=1');
  Source='IAEA/ORNL'; Notes='Homemade ion-chamber meter';},

 @{Category='Nuclear'; Title='Kearny Fallout Meter (ORNL)'; File='Nuclear\kfm_pub57069_ornl.pdf';
  Urls=@('https://info.ornl.gov/sites/publications/Files/Pub57069.pdf');
  Source='ORNL'; Notes='Alternate host';},

 @{Category='Nuclear'; Title='CDC: Where to Go in a Radiation Emergency (poster)'; File='Nuclear\cdc_where_to_go_radiation_emergency.pdf';
  Urls=@('https://www.cdc.gov/radiation-emergencies/media/pdfs/infographics/Infographic_Where_to_go.pdf');
  Source='CDC'; Notes='GET INSIDE, STAY INSIDE, STAY TUNED';},

 @{Category='Nuclear'; Title='CDC: Operating Public Shelters in a Radiation Emergency (2024)'; File='Nuclear\cdc_operating_public_shelters_2024.pdf';
  Urls=@('https://www.cdc.gov/radiation-emergencies/media/pdfs/2024/04/operating-public-shelters-1.pdf');
  Source='CDC'; Notes='Shelter operations';},


 # ======= Medical =======
 @{Category='Medical'; Title='U.S. Army First Aid — TC 4-02.1 (2016)'; File='Medical\tc_4-02_1_first_aid_2016.pdf';
  Urls=@('https://rdl.train.army.mil/catalog-ws/view/100.ATSC/B0A32FAD-8C7A-44A6-8FF4-F754A32F1C30-1453986206542/tc4-02.1wc1x2.pdf');
  Source='Army RDL'; Notes='Bleeding, airway, burns, fractures';},
```

```
  @{Category='Medical'; Title='Emergency War Surgery — 5th U.S. Revision';
File='Medical\emergency_war_surgery_5th_us_revision.pdf';

    Urls=@('https://medcoeckapwstorprd01.blob.core.usgovcloudapi.net/pfw-
images/dbimages/EWS%205%20FM.pdf');

    Source='U.S. Army MEDCoE/Borden'; Notes='Definitive trauma in austere settings';},

  @{Category='Medical'; Title='NAVEDTRA 14295 — Hospital Corpsman Manual';
File='Medical\navedtra_14295_hospital_corpsman.pdf';


Urls=@('https://archive.org/download/Hospital_Corpsman_NAVEDTRA_14295/Hospital_Corps
man_NAVEDTRA_14295_text.pdf?redirect=1',

          'https://www.militarynewbie.com/wp-content/uploads/2013/11/NAVEDTRA-14295-
Hospital-Corpsman.pdf');

    Source='USN/Archive'; Notes='Broad clinical/first-aid skillset';},

  @{Category='Medical'; Title='TCCC Guidelines (current consolidated PDF)';
File='Medical\tccc_guidelines_current.pdf';

    Urls=@('https://learning-media.allogy.com/api/v1/pdf/f4cf1d4e-3191-443a-befc-
415838fb04f2/contents');

    Source='DHA JTS/CoTCCC'; Notes='MARCH-E trauma care';},

  @{Category='Medical'; Title='ASPR TRACIE — Alternate Care Sites';
File='Medical\aspr_tracie_alternate_care_sites.pdf';

    Urls=@('https://files.asprtracie.hhs.gov/documents/alternate-care-sites.pdf');

    Source='ASPR TRACIE'; Notes='Care in non-traditional sites';},

  @{Category='Medical'; Title='ASPR TRACIE — ACS & Federal Medical Stations';
File='Medical\aspr_tracie_acs_fms_toolkit.pdf';

    Urls=@('https://files.asprtracie.hhs.gov/documents/understanding-acs-and-fms-final.pdf');

    Source='ASPR TRACIE'; Notes='Operational considerations';},
```

```
# ======= Woodcraft =======

  @{Category='Woodcraft'; Title='Boy Scouts Handbook — First Edition (1911)';
File='Woodcraft\boy_scouts_handbook_1911.html';

    Urls=@('https://www.gutenberg.org/files/29558/29558-h/29558-h.htm');

    Source='Project Gutenberg'; Notes='Classic camping/first aid';},

  @{Category='Woodcraft'; Title='Shelters, Shacks and Shanties (1914)';
File='Woodcraft\shelters_shacks_shanties_1914.html';

    Urls=@('https://www.gutenberg.org/files/28255/28255-h/28255-h.htm');

    Source='Project Gutenberg'; Notes='Shelter-building';},

  @{Category='Woodcraft'; Title='Woodcraft (Nessmuk / G.W. Sears)';
File='Woodcraft\nessmuk_woodcraft.html';

    Urls=@('https://www.gutenberg.org/files/34607/34607-h/34607-h.htm');

    Source='Project Gutenberg'; Notes='Ultralight ethos, campcraft';},

  @{Category='Woodcraft'; Title='Camping and Woodcraft (Kephart, 1921)';
File='Woodcraft\kephart_camping_and_woodcraft_1921.pdf';

Urls=@('https://archive.org/download/campingwoodcraft00kephrich/campingwoodcraft00kephrich.pdf');

    Source='Archive.org'; Notes='Two-volume classic';},

  @{Category='Woodcraft'; Title='U.S. Army Survival Manual FM 21-76 / FM 3-05.70 (2002)';
File='Woodcraft\fm_21-76_survival_2002.pdf';

    Urls=@('https://commons.wikimedia.org/wiki/Special:FilePath/FM_3-05.70_%28FM_21-76%29_Survival_-_May_2002.pdf');

    Source='U.S. Army'; Notes='Broad survival reference';},
```

```
  # ======= Law & Continuity =======

  @{Category='Law'; Title='CRS: Martial Law and National Emergency (overview)';
File='Law\crs_martial_law_RS21024.pdf';

    Urls=@('https://crsreports.congress.gov/product/pdf/RS/RS21024',

'https://sgp.fas.org/crs/natsec/RS21024.pdf','https://apps.dtic.mil/sti/pdfs/ADA618602.pdf');

    Source='CRS'; Notes='Concept & authorities';},

  @{Category='Law'; Title='CRS: National Emergency Powers — Overview';
File='Law\crs_national_emergency_powers.pdf';

Urls=@('https://www2.law.umaryland.edu/marshall/crsreports/crsdocuments/RS21017010720
05.pdf');

    Source='CRS'; Notes='Survey of emergency authorities';},

  @{Category='Law'; Title='ATP 3-39.33 — Civil Disturbances (2014)'; File='Law\atp_3-
39_33_civil_disturbances_2014.pdf';

    Urls=@('https://constitution.org/1-Corruption/abus/terror/atp3_39x33.pdf');

    Source='U.S. Army'; Notes='Civil disturbance doctrine';},


  @{Category='Continuity'; Title='FCD: Continuity Program Management Requirements';
File='Continuity\fcd_program_mgmt_requirements.pdf';

    Urls=@('https://www.fema.gov/sites/default/files/documents/fema_oncp_fcd-federal-
executive-branch-continuity-program-management-requirements.pdf');

    Source='FEMA'; Notes='Federal continuity program requirements';},

  @{Category='Continuity'; Title='FCD: Continuity Planning Framework';
File='Continuity\fcd_planning_framework.pdf';

    Urls=@('https://www.fema.gov/sites/default/files/documents/fema_federal-continuity-
directive-planning-framework.pdf');

    Source='FEMA'; Notes='Framework (feeds non-federal guidance)';},
```

```
  @{Category='Continuity'; Title='Continuity Guidance Circular (CGC)';
File='Continuity\continuity_guidance_circular.pdf';

    Urls=@('https://www.iroquois.org/wp-
content/uploads/2019/09/FEMA_Continuity_Guidance_Circular_2018.pdf');

    Source='FEMA'; Notes='How state/local/tribal/private implement continuity';},


  # ======= Radio =======

  @{Category='Radio'; Title='47 CFR Part 97 — Amateur Radio Service';
File='Radio\fcc_part_97_cfr_2009_ref.pdf';

    Urls=@('https://www.govinfo.gov/content/pkg/CFR-2009-title47-vol5/pdf/CFR-2009-title47-
vol5-part97.pdf');

    Source='FCC/GovInfo'; Notes='Rules text (reference)';},

  @{Category='Radio'; Title='NIFOG 2.01 (2022)'; File='Radio\nifog_2_01_2022.pdf';

    Urls=@('https://www.cisa.gov/sites/default/files/2023-
04/NIFOG%202.01_508%20FINAL%20VERSION%205%2011%2022.pdf',


'https://www.cisa.gov/sites/default/files/publications/NIFOG_Ver_2.0_508_version_FINAL_9_2
3_2021.pdf');

    Source='CISA/DHS'; Notes='Interoperability field ops';},

  @{Category='Radio'; Title='AUXFOG (2016)'; File='Radio\auxfog_2016.pdf';


Urls=@('https://www.cisa.gov/sites/default/files/publications/AUXFOG%2520June%25202016%
2520-%2520508%2520Reviewed%2520-%2520Final%2520%25282-16-17%2529.pdf');

    Source='CISA/DHS'; Notes='Auxiliary Communications';},
```

```
  # ======= Gamma Spectrometry =======

  @{Category='GammaSpec'; Title='EPA: High-Resolution Gamma-Ray Spectrometry Analyses';
File='GammaSpec\epa_high_resolution_gamma_spec_guide.pdf';

    Urls=@('https://www.epa.gov/sites/default/files/2020-
07/documents/guide_for_high_resolution_gamma_spectrometry_analyses_camera_ready.pdf')
;

    Source='EPA'; Notes='Lab methods, QC, libraries';},

  @{Category='GammaSpec'; Title='FRMAC: Gamma Spectroscopist Knowledge Guide (2019)';
File='GammaSpec\frmac_gamma_spectroscopist_guide_2019.pdf';

    Urls=@('https://nnss.gov/wp-
content/uploads/2023/04/FRMAC_GammaSpec_KnowledgeGuide_2019-08_UUR.pdf');

    Source='NNSA/FRMAC'; Notes='In-situ & lab workflows';},

  @{Category='GammaSpec'; Title='FRMAC: Laboratory Analysis Manual (2013)';
File='GammaSpec\frmac_lab_analysis_manual_2013.pdf';

    Urls=@('https://nnss.gov/wp-
content/uploads/2023/04/FRMAC20Lab20Analysis20Manual202013.pdf');

    Source='NNSA/FRMAC'; Notes='Lab processes';},

  @{Category='GammaSpec'; Title='FRMAC: Assessment Manual Vol. 1 (2020)';
File='GammaSpec\frmac_assessment_manual_vol1_2020.pdf';

    Urls=@('https://nnss.gov/wp-content/uploads/2023/04/FRMAC-Assessment-Manual-
Volume-1-Overview-and-Methods-2020.pdf');

    Source='NNSA/FRMAC'; Notes='Overview & methods';},

  @{Category='GammaSpec'; Title='FRMAC: Assessment Manual Vol. 2 (2023)';
File='GammaSpec\frmac_assessment_manual_vol2_2023.pdf';

    Urls=@('https://nnss.gov/wp-content/uploads/FAM-Vol-2-Methods-FINAL-May2023.pdf');

    Source='NNSA/FRMAC'; Notes='Detailed methods';},

  @{Category='GammaSpec'; Title='MARSAME (NUREG-1575 Supp. 1, 2009)';
File='GammaSpec\marsame_nureg1575_supp1_2009.pdf';

    Urls=@('https://www.nrc.gov/reading-rm/doc-
collections/nuregs/staff/sr1575/supplement1/sr1575s1.pdf');
```

```
    Source='NRC/EPA/DOE/DOD'; Notes='Survey & assessment of materials/equipment';},


  # ======= Homestead & Practical Skills =======

  # Soap

  @{Category='Soap'; Title='Soap-Making Manual (Thomssen, 1922)';
File='Soap\soap_making_manual_thomssen_1922.html';

    Urls=@('https://www.gutenberg.org/files/34114/34114-h/34114-h.htm');

    Source='Project Gutenberg'; Notes='Industrial-to-home soap reference';},

  @{Category='Soap'; Title='The Handbook of Soap Manufacture (1908)';
File='Soap\handbook_of_soap_manufacture_1908.html';

    Urls=@('https://www.gutenberg.org/files/21724/21724-h/21724-
h.htm','https://www.gutenberg.org/ebooks/21724');

    Source='Project Gutenberg'; Notes='Household/toilet soaps; formulas';},

  # Herbal

  @{Category='Herbal'; Title='Culpeper''s Complete Herbal (1653 ed.)';
File='Herbal\culpeper_complete_herbal.html';

    Urls=@('https://www.gutenberg.org/files/49513/49513-h/49513-
h.htm','https://www.gutenberg.org/ebooks/49513');

    Source='Project Gutenberg'; Notes='Historic herbal reference';},

  @{Category='Herbal'; Title='Ginseng and Other Medicinal Plants (1908)';
File='Herbal\harding_ginseng_and_other_medicinal_plants_1908.html';

    Urls=@('https://www.gutenberg.org/files/34570/34570-h/34570-
h.htm','https://www.gutenberg.org/ebooks/34570');

    Source='Project Gutenberg'; Notes='Cultivation & collection';},

  @{Category='Herbal'; Title='USFS: Medicinal Plants of Appalachia (Krochmal)';
File='Herbal\usfs_medicinal_plants_appalachia.pdf';


Urls=@('https://www.fs.usda.gov/nrs/pubs/rp/rp_ne138.pdf','https://www.fs.usda.gov/ne/new
town_square/publications/research_papers/pdfs/scanned/OCR/ne_rp138A.pdf');
```

```
    Source='US Forest Service'; Notes='Identification & uses';},

  # Water

  @{Category='Water'; Title='CDC: Make Water Safe During an Emergency (poster)';
File='Water\cdc_make_water_safe_poster.pdf';

    Urls=@('https://www.cdc.gov/water-emergency/media/pdfs/make-water-safe-during-
emergency-p.pdf');

    Source='CDC'; Notes='Boil/bleach/chemical guidance';},

  @{Category='Water'; Title='EPA: Emergency Disinfection of Drinking Water (2017)';
File='Water\epa_emergency_disinfection_2017.pdf';

    Urls=@('https://www.epa.gov/sites/default/files/2017-
09/documents/emergency_disinfection_of_drinking_water_sept2017.pdf');

    Source='EPA'; Notes='Bleach dosing, turbidity, safety';},

  # Sanitation

  @{Category='Sanitation'; Title='FM 21-10 / MCRP 4-11.1D Field Hygiene & Sanitation';
File='Sanitation\fm_21-10_field_hygiene_and_sanitation.pdf';

    Urls=@('https://www.globalsecurity.org/military/library/policy/army/fm/21-10/fm21-10.pdf',

        'https://www.marines.mil/Portals/1/Publications/MCRP%204-
11.1D%20Field%20Hygiene%20and%20Sanitation.pdf');

    Source='U.S. Army / USMC'; Notes='Waste, water, hygiene, latrines';},

  # Heating

  @{Category='Heating'; Title='CDC: Avoid, Spot, Treat Frostbite & Hypothermia';
File='Heating\cdc_frostbite_hypothermia_poster.pdf';

    Urls=@('https://www.cdc.gov/winter-weather/media/pdf/avoid-spot-treat-frostbite.pdf');

    Source='CDC'; Notes='Cold stress quick-reference';},

  @{Category='Heating'; Title='CDC: Preventing Hypothermia (web)';
File='Heating\cdc_preventing_hypothermia.html';

    Urls=@('https://www.cdc.gov/winter-weather/prevention/index.html');

    Source='CDC'; Notes='Safety, signs, actions';},
```

```
  # Gardening

  @{Category='Gardening'; Title='USDA Farmers'' Bulletin No. 934 — Home Gardening in the
South (1918)'; File='Gardening\usda_fb_934_home_garden_south_1918.pdf';

Urls=@('https://archive.org/download/CAT87203308/CAT87203308_text.pdf','https://archive.o
rg/details/CAT87203308');

    Source='USDA'; Notes='Planning & planting (PD)';},

  @{Category='Gardening'; Title='Cornell (1917): The Home Vegetable Garden';
File='Gardening\cornell_home_vegetable_garden_1917.html';

    Urls=@('https://digital.library.cornell.edu/catalog/chla7031969_8505_014');

    Source='Cornell CHLA'; Notes='Classic techniques & varieties';},

  # Food Preservation

  @{Category='FoodPreservation'; Title='USDA Complete Guide to Home Canning (2015 rev.)';
File='FoodPreservation\usda_complete_guide_home_canning_2015.pdf';

    Urls=@('https://www.healthycanning.com/wp-content/uploads/USDA-Complete-Guide-to-
Home-Canning-2015-revision.pdf',

          'https://www.nal.usda.gov/exhibits/ipd/canning/items/show/101');

    Source='USDA/NAL'; Notes='Full canning guide (U.S. gov work)';},


  # ======= Bible (Public Domain editions) =======

  @{Category='Bible'; Title='King James Version (KJV, PD)'; File='Bible\holy_bible_kjv_pd.pdf';

    Urls=@('https://download.davince.com/openbible/kjv.pdf');

    Source='Public Domain'; Notes='Complete KJV';},

  @{Category='Bible'; Title='World English Bible (WEB, PD)'; File='Bible\holy_bible_web_pd.pdf';

    Urls=@('https://ebible.org/pdf/eng-web/eng-web_all.pdf');

    Source='eBible.org'; Notes='Modern-language PD translation';},

  @{Category='Bible'; Title='American Standard Version (ASV, 1901, PD)';
File='Bible\holy_bible_asv_1901_pd.pdf';
```

```
    Urls=@('https://ebible.org/pdf/eng-asv/eng-asv_all.pdf');
    Source='eBible.org'; Notes='ASV 1901';}
)

# ---- Download + manifest -------------------------------------------------
Ensure-Dir $DEST
Ensure-Dir (Join-Path $DEST 'Index')

$manifest = @()

foreach ($it in $items) {
  if ($SkipFiles -contains $it.File) {
    Write-Host ("Skipping (per list): {0}" -f $it.Title)
    continue
  }

  $target = Join-Path $DEST $it.File

  # Determine if we need to (re)fetch
  $need = $true
  $exists = Test-Path $target
  if ($exists) {
    if ((Get-Item $target).Length -ge 1024) { $need = $false }
  }

  if ($need) {
```

```
    Write-Host ("Fetching: {0}" -f $it.Title)
    $ok = Get-Robust -Urls $it.Urls -OutFile $target -Timeout $TimeoutSec
    if (-not $ok) {
      Write-Warning ("FAILED: {0} <{1}>" -f $it.Title, $it.Urls[0])
      continue
    }
  }

  # Record to manifest
  $sha = (Get-FileHash -Algorithm SHA256 -Path $target).Hash
  $len = (Get-Item $target).Length
  $manifest += [pscustomobject]@{
    Category=$it.Category; Title=$it.Title; File=$it.File; Bytes=$len; SHA256=$sha;
    Source=$it.Source; Url=$it.Urls[0]; Notes=$it.Notes
  }
}

# ---- Save manifest (CSV + JSON) ----------------------------------------------
$csv  = Join-Path $DEST 'Index\manifest.csv'
$json = Join-Path $DEST 'Index\manifest.json'
$manifest | Sort-Object Category,Title | Export-Csv -NoTypeInformation -Path $csv -Encoding
UTF8
$manifest | ConvertTo-Json -Depth 4 | Out-File -FilePath $json -Encoding UTF8
```

```
# ---- Build offline index.html ------------------------------------------------

$index = @()

$index += @"

<!doctype html>

<html><head><meta charset="utf-8"><title>SurvivalPD Offline Pack</title>

<style>

 body{font-family:system-ui,Segoe UI,Arial;margin:2rem;} h2{margin-top:2rem}

 table{border-collapse:collapse;width:100%} th,td{border:1px solid #ddd;padding:.5rem}
th{background:#f3f3f3}

 small{color:#555}

</style></head><body>

<h1>SurvivalPD Offline Pack</h1>

<p>Public-domain / U.S.-government survival, homestead, communications, and civic
references. Works entirely offline.</p>

"@


$catOrder =
@('FoundingDocs','FreeSpeechCases','Nuclear','Medical','Woodcraft','Law','Continuity','Radio','
GammaSpec','Soap','Herbal','Water','Sanitation','Heating','Gardening','FoodPreservation','Bible')

foreach ($cat in $catOrder) {

  $rows = $manifest | Where-Object { $_.Category -eq $cat } | Sort-Object Title

  if (-not $rows) { continue }

  $index += "<h2>$cat</h2><table><tr><th>Title</th><th>Local file</th><th>Size</th><th>SHA-
256</th><th>Notes</th></tr>"

  foreach ($m in $rows) {

    $href = ($m.File -replace '\\','/')

    $sizeMB = [math]::Round($m.Bytes/1MB,2)
```

```
    $index += "<tr><td><b>$($m.Title)</b><br><small>$($m.Source)</small></td><td><a
href=""../$href"">$href</a></td><td>${sizeMB}
MB</td><td><small>$($m.SHA256)</small></td><td>$($m.Notes)</td></tr>"
  }
  $index += "</table>"
}

$foot = "<p><small>Generated: $(Get-Date -Format 'yyyy-MM-dd HH:mm:ss zzz').
IncludeLarge=$IncludeLarge. Destination: $DEST</small></p></body></html>"
$index += $foot
$index -join "`r`n" | Out-File -FilePath (Join-Path $DEST 'Index\index.html') -Encoding UTF8

Write-Host "`nAll done. Open: $((Join-Path $DEST 'Index\index.html'))"
                                                                    #
================================================================================
```

==========

A Ready-When-Needed **Offline Library** for Emergencies

Works offline • Public domain & U.S. gov sources • Hash-verified

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